

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

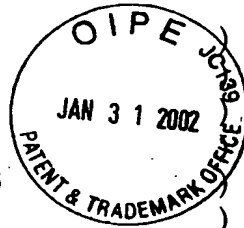
In re Patent Application of

BRIAN McGUIRE

Application No. 09/972,896

File: October 10, 2001

For: WIND SHEAR DETECTION  
SYSTEM



BOX MSP

Group Art Unit: 2877

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Ponahoa  
4/12/02

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the subject application as follows.

**IN THE CLAIMS**

Insert new claims 11--13 as follows:

11. [New] A method of detecting a dangerous localized condition in an atmosphere in front of an aircraft, the method comprising the steps of:

- (a) projecting a series of optical pulses into an atmosphere ahead of the aircraft;
- (b) detecting a series of reflected optical responses from the atmosphere corresponding to reflections from predetermined distances in front of the aircraft;
- (c) processing said reflected responses to determine a current relative wind speed at said predetermined distances in front of said aircraft; and

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